

Ajeet Kumar

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PROFESSIONAL SUMMARY

- ✓ Action oriented and results-focused professional with **8+ Years** of relevant hands-on Industrial Engineering experience. My expertise includes in the New Product Introduction/Plant Engineering Department.
- ✓ In the current assignment I am working as a **Deputy Manager** in the **Industrial Engineering** department responsible for overall plant Industrial Engineering works and Continuous Improvement Projects.
- ✓ Well versed with various Manufacturing Process with **Industrial Engineering Philosophies** such as Capacity Planning, Layout Design, Manpower Calculation, Time Study, MOST, Line Balancing & Low-Cost Automation.

EMPLOYMENT DETAILS

❖ **(TIRTH AGRO TECHNOLOGY PRIVATE LIMITED, RAJKOT)**

Tirth Agro Technology Private Limited (Shaktiman) is an OEM industry located in Rajkot, Gujarat. The company specializes in Machining, Heat Treatment, Fabrication, Painting & Assembly which are manufactures Rotary Tiller & Small Tractors such as Sugarcane Harvester, Protector, Cotton Picker, Potato Planter and other Farm Equipment for Indian & Global customers.

- Period : From November 2021 to Till Date
- Designation : Deputy Manager-Industrial Engineering

❖ **(JABIL CIRCUIT INDIA PRIVATE LIMITED, PUNE)**

Jabil Circuit India Private Limited is a US based MNC company located in Pune, Maharashtra. The company specializes in Molding, SMT, Testing, Assembly & Packing for Electronics & Semiconductor Industries which are manufactures PCB, Router, Setup Box, Switch Box and other electronic based components to the supplier of Global Electronics & Technologies OEMs customer.

- Period : From May 2021 to November 2021
- Designation : Lead Industrial Engineer

❖ **(FLASH VIVEN MACHINING TECHNOLOGIES PVT. LTD., PUNE)**

Flash Viven Machining Technologies Private Limited is a member of Flash Group of companies located in Pune, Maharashtra. The company specializes in Forging, Machining, Heat Treatment and Assembly for 2, 3 & 4 wheelers which are manufactures Gears, Shafts, Sprockets and Transmissions to the supplier of Indian Automobile Industries & Global OEMs customer.

- Period : From April 2020 to May 2021
- Designation : Senior Industrial Engineer

❖ **(AEQUS ENGINEERED PLASTICS PVT. LTD., BELGAUM)**

Aequs is a global precision manufacturing company headquartered in the Aequs Special Economic Zone in Belgaum, Karnataka. The company specializes in Forging, Machining, Surface Treatment, Molding & Assembly for Aerospace & Consumers Durables Industries. Besides India, Aequs operates several manufacturing facilities in the US & France, catering to global OEMs customer.

- Period : From April 2018 to March 2020
- Designation : Industrial Engineer-NPD

❖ **(GABRIEL INDIA LIMITED, HOSUR)**

Gabriel India Limited is a member of Anand Group of companies located in Hosur, TN nearby Bangalore, Karnataka. The company specializes in Machining, Painting and Assembly for Automobile industries which are manufactures Vehicle Suspensions such as Shock Absorbers & Front Forks for 2, 3 & 4 wheelers to the supplier of global international market & Indian OEMs customer.

- Period : From February 2015 to March 2018
- Designation : Plant Industrial Engineer

ROLES & RESPONSIBILITIES

- ✓ **Process Planning, Layout Planning, Machining & Assembly Line Setup** for the new products according to our project timelines.
- ✓ **Work Measurement & Method Study** to reduce NVA's by using basic **MOST** technique or adequate tools to get maximum output.
- ✓ **Line Balancing or Multi-Machine Balancing** to reduce the throughput time and increase our line/shop productivity according to TAKT time.
- ✓ **Time & Motion Study** by stop watch or camera video shooting to reduce unnecessary operation and workstations.
- ✓ Preparation of documents such as **Work Instructions/SOP, Process Flow Diagram** for new or existing products.
- ✓ **Ergonomic Study/Assessment** during critical operation and identification of postures to reduce operator fatigue.
- ✓ Work with NPD Team for **New Product Study & Prepare Elemental Work Sampling Sheet**, understanding product working mechanism & entire testing according to the test plan.
- ✓ **Capacity Calculation & Capex Procurement** for new upcoming or existing projects and calculate overall budget.
- ✓ **Manpower Calculation** with optimization support in monthly basis to meet production target with improve our Plant OPP% by reducing man days.
- ✓ Calculate **Man Hours & Labour Cost** to be determine the standard time for each activity and manufacturing costs.
- ✓ To support and maintain error-proofing methodologies by implementing of the various type of **Kaizen, Poka-Yoke and Low-Cost Automation**.
- ✓ Coordination with **Tool Room, Maintenance and Project Team** for new machines installation and commissioning.
- ✓ Coordination with CFT Team to execute our **Process Flow Chart and Product Layout** for new or existing products.
- ✓ To provide **Material Handling Equipment** such as Bin, Stand, Table, Trolley, Rack etc. to the production team based on plant requirement.
- ✓ **Layout Design & Space Optimization** at plant level to smooth material, information & people flow and support to any changes of line layout.
- ✓ Lead **Continuous Improvement/Lean Six Sigma Projects** to optimize our Process, Manpower, Material, Method and 7 type of wastes.
- ✓ Meet or exceed **labor content and product cost standards** by using good assembly methodologies & ergonomics.
- ✓ **Productivity Improvement** by eliminating non-value-added activities and reducing the cycle time of the bottleneck station.
- ✓ **Setup Change Over Time Reduction** with the help of **SMED** technique by analysis of Internal & External activities.
- ✓ Estimation of the work content using Maynard Operation Sequence Technique (**Basic MOST**) for existing products.
- ✓ **Capacity Enhancement** based on customer demand by **Cycle Time Reduction, Layout Optimization** and Method Improvements.
- ✓ Analyze **workforce utilization, facility layout and operational data** such as production costs and projection volume to determine efficient utilization of workers and equipment.
- ✓ Lead a team of **Industrial Engineers** to establish work measurement programs and analyze work samples to develop standards for labor utilization.
- ✓ Review **IE activities** on daily basis with middle management and assign task to **Industrial Engineers** accordingly.
- ✓ Manage with supervise the overall performance of **IE staffs** including **career development and periodic training**.
- ✓ Prepare the monthly **MIS report** and presenting the same to **top management** in monthly overall review meeting.

MAJOR CONTRIBUTIONS

- ✓ Optimized **41 Manpower out of 246 Manpower** of existing assembly lines at plant level with the help of line balancing and cycle time reduction.
- ✓ Reduced **Inventory levels by 20% of WIP** by optimizing our existing plant layout and implementing 2-bin Kanban system with single piece flow method.
- ✓ Increased **12% production of assembly lines** by reducing of the setup change over time with the help of SMED technique & some lean tools.
- ✓ Established **Centralized Gear Box & Transmission Shop** under one shed for overall production unit at plant level for smooth production & people Flow.
- ✓ Certified **Lean Six Sigma & Basic MOST** and won the **Continuous Improvement Leader** award from our previous company Jabil India, Pune.

POTENTIAL & STRENGTH

- Excellent Problem Solving with Communication Skills, Decision Maker, Quick Learner & Great Team Player.
- Ability to **meet tight deadlines and work under pressure tasks** complete within stipulated time frame.

TRAINING ATTENDED

- TPM, VSM, OEE, OLE, **MOST**, SMED, PFMEA, 5's, Kaizen, Kanban, Lean Manufacturing, First Aid & Safety.

SOFTWARE KNOWLEDGE

- **Auto Cad (2D & 3D Drawing)**
- MS-Office (Word, Excel, Outlook, PowerPoint)
- Basic Knowledge of ERP, SAP

ACADEMIC QUALIFICATION

- Completed **B. Tech in Mechanical Engineering** in the year 2017 with **65.02%** marks.
- Completed **Diploma in Mechanical Engineering** in the year 2014 with **69.03%** marks.

PERSONAL INFORMATION

- Name : Ajeet Kumar
- Father's Name : Late Pawan Sah
- Date of Birth : 15.03.1993
- Gender : Male
- Nationality : Indian
- Religion : Hindu
- Marital Status : Unmarried
- Languages Known : English, Hindi & Others
- Mobile No. : +91-8102597247, 7892803300
- Email ID : ajeetkumar921@gmail.com
- Present Address : Shastri Nagar, Rajkot, Gujarat (360004)
- Permanent Address : Manjhaul, Begusarai, Bihar (851127)

DECLARATION

I hereby declare that the above particulars furnished by me in writing are true to the best of my knowledge and belief.

Date:

Yours Sincerely

Place:

(AJEET KUMAR)